Claim 26 (currently amended) The method of claim 25, further comprising:

[illegible] one of said first frame data and said third frame data respectively and said third frame data and said seventh frame data to output the third frame data and a fourth frame data, corresponding one of said third frame data and said tenth frame data;

receiving [[a]]said tenth frame data and outputting said first frame data, wherein [illegible] frame data;

[illegible] frame data;

wherein said step of outputting said tenth frame data and said fifth frame data is performed by obtaining said compensation data in response to said third frame data, said [illegible] said sixth frame data and said seventh frame data into one of said tenth frame data and said third frame data respectively and said third frame data and said tenth frame data respectively.

Claim 27 (currently amended) The method of claim 26, further comprising:

said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame

Claim 26 (currently amended) The method of claim 25, further comprising

~~said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to~~ a step of transforming said sixth frame data and said seventh frame data to output the third frame data and a tenth frame data, outputting one of said third frame data and said tenth frame data;

receiving [[a]]said tenth frame data and outputting said first frame data, wherein a number of bits of said tenth frame data is larger than a number of bits of said first frame data;

receiving a second frame data and outputting an eleventh frame data, wherein a number of bits of said second frame data is larger than a number of bits of said eleventh frame data;

wherein said step of outputting said fourth frame data and said fifth frame data is performed by obtaining said compensation data in response to said third frame data, said tenth frame data, and said eleventh frame data corresponding to said tenth frame data~~;~~

~~wherein said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data into one of said tenth frame data and said third frame data respectively and said third frame data and said tenth frame data respectively~~.

Claim 27 (currently amended) The method of claim 26, further comprising:

said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame

Claim 26. (currently amended) The method of claim 25, further comprising:

said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data to output the third frame data and a tenth frame data, outputting one of said third frame data and said tenth frame data;

receiving [[a]]said tenth frame data and outputting said first frame data, wherein a number of bits of said tenth frame data is larger than a number of bits of said first frame data;

receiving a second frame data and outputting an eleventh frame data, wherein a number of bits of said second frame data is larger than a number of bits of said eleventh frame data;

wherein said step of outputting said fourth frame data and said fifth frame data is performed by obtaining said compensation data in response to said third frame data, said tenth frame data, and said eleventh frame data corresponding to said tenth frame data;

~~wherein said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data into one of said tenth frame data and said third frame data respectively and said third frame data and said tenth frame data respectively~~.

Claim 27 (currently amended) The method of claim 26, further comprising:

said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame

data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data to output the third frame data and a twelfth frame data, outputting one of said third frame data and said twelfth frame data;

quantizing [[a]]said twelfth frame data and said third frame data by using a nonlinear quantization method to output said tenth frame data and a thirteenth frame data respectively, wherein said step of outputting said fourth frame data and said fifth frame data is performed by obtaining said compensation data in response to said twelfth frame data, said third frame data, and said thirteenth frame data corresponding to said eleventh frame data~~, and wherein said step of transforming said sixth frame data and said seventh frame data into one of said tenth frame data and said third frame data respectively and said third frame data and said tenth frame data respectively is change changed to a step of transforming said sixth frame data and said seventh frame data into one of said twelfth frame data and said third frame data respectively and said third frame data and said twelfth frame data respectively~~.

Claim 28. (original) The method of claim 27, wherein said step of outputting said fourth frame data and said fifth frame data further comprises:

simultaneously receiving said thirteenth frame data and said eleventh frame data corresponding to said thirteen and comparing said thirteenth frame data and said eleventh frame data to generate said compensation data based on the difference between said thirteenth frame data and said eleventh frame data;

simultaneously receiving said twelfth frame data and said compensation data corresponding to said twelfth frame data, and compensating said twelfth frame data based on said compensation data to obtain said fourth frame data; and

simultaneously receiving said third frame data and said compensation data

corresponding to said third frame data, and compensating said third frame data based on said compensation data to obtain said fifth frame data.

Claim 29 (currently amended) The method of claim 25, further comprising:

said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data to output the third frame data and a tenth frame data, outputting one of said third frame data and said tenth frame data;

quantizing [[a]]said tenth frame data and said third frame data by using a nonlinear quantization method to output said first frame data and an eleventh frame data respectively;

wherein said step of outputting said fourth frame data and said fifth frame data is performed by obtaining said compensation data in response to said tenth frame data, said third frame data, and said eleventh frame data, and said second frame data corresponding to said eleventh frame data;

~~wherein said step of transforming a sixth frame data and a seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data into one of said tenth frame data and said third frame data respectively and said third frame data and said tenth frame data respectively~~.

Claim 30. (original) The method of claim 29, wherein said step of outputting said fourth frame data and said fifth frame data further comprises:

simultaneously receiving said eleventh frame data and said second frame data

corresponding to said eleventh and comparing said eleventh frame data and said second frame data to generate said compensation data based on the difference between said [illegible];

[illegible]

on said compensation data to obtain said fourth frame data; and

simultaneously receiving said third frame data and said compensation data [illegible] to said third frame data, and compensating said third frame data based on [illegible].

corresponding to said eleventh and comparing said eleventh frame data and said second frame data to generate said compensation data based on the difference between said eleventh frame data and said second frame data;

simultaneously receiving said tenth frame data and said compensation data corresponding to said tenth frame data, and compensating said tenth frame data based on said compensation data to obtain said fourth frame data; and

simultaneously receiving said third frame data and said compensation data corresponding to said third frame data, and compensating said third frame data based on said compensation data to obtain said fifth frame data.